

I claim:

1. A method of forming a muffler with a baffle, comprising the steps of:

forming a baffle having at least two legs, adjacent legs of said at least two legs being oriented at an acute angle to each other;

providing a container that is sized to receive said baffle;

forming at least one inlet and at least one outlet in said container;

securing said baffle to said container; and

covering each end of said container.

2. The method of forming a muffler with a baffle of claim 1, further comprising the step of:

covering each end of said container by attaching an end cap.

3. The method of forming a muffler with a baffle of claim 1, further comprising the step of:

forming at least one first exhaust opening through a first leg and forming at least one second exhaust opening through a second leg of said baffle.

4. The method of forming a muffler with a baffle of claim 3, further comprising the step of:

forming at least one third exhaust opening through a third leg of said baffle.

5. The method of forming a muffler with a baffle of claim 4, further comprising the step of:

forming at least one fourth exhaust opening through a third leg of said baffle.

6. The method of forming a muffler with a baffle of claim 1, further comprising the step of:

forming at least one inlet opening through said container, attaching at least one inlet tube to said at least one inlet opening, forming at least one outlet opening through said container, attaching at least one outlet tube to said at least one outlet opening.

7. The method of forming a muffler with a baffle of claim 6, further comprising the step of:

inserting said at least one inlet tube through said baffle and inserting said at least one outlet tube through said baffle.

8. The method of forming a muffler with a baffle of claim 6, further comprising the step of:

inserting said at least one inlet tube partially through said baffle and inserting said at least one outlet tube through said baffle.

9. The method of forming a muffler with a baffle of claim 8, further comprising the step of:

inserting at least one baffle tube through at least two of said at least two legs and inserting at least one resonator tube in at least one of said at least two legs.

10. The method of forming a muffler with a baffle of claim 1, further comprising the steps of:

forming a first chamber adjacent a first inlet tube;

forming a second chamber adjacent a second inlet tube, a middle chamber being formed between said first and second chambers;

connecting said first chamber to said middle chamber with a first balance tube;

connecting said second chamber to said middle chamber with a second balance tube; and

connecting said first and second chambers with a third balance tube.

11. The method of forming a muffler with a baffle of claim 1, further comprising the step of:

forming a web area between adjacent legs of said at least two legs.

12. A method of forming a muffler with a baffle, comprising the steps of:

forming a baffle having at least two legs, adjacent legs of said at least two legs being oriented at an acute angle to each other;

providing a container having a tubular construction, said container being sized to receive said baffle;

forming at least one inlet and at least one outlet in said container;

securing said baffle to said container; and

attaching an end cap to each end of said container.

13. The method of forming a muffler with a baffle of claim 12, further comprising the step of:

forming at least one first exhaust opening through a first leg and forming at least one second exhaust opening through a second leg of said baffle.

14. The method of forming a muffler with a baffle of claim 13, further comprising the step of:

forming at least one third exhaust opening through a third leg of said baffle.

15. The method of forming a muffler with a baffle of claim 14, further comprising the step of:

forming at least one fourth exhaust opening through a fourth leg of said baffle.

16. The method of forming a muffler with a baffle of claim 12, further comprising the step of:

forming at least one inlet opening through said container, attaching at least one inlet tube to said at least one inlet opening, forming at least one outlet opening through said container, attaching at least one outlet tube to said at least one outlet opening.

17. The method of forming a muffler with a baffle of claim 16, further comprising the step of:

inserting said at least one inlet tube through said baffle and inserting said at least one outlet tube through said baffle.

18. The method of forming a muffler with a baffle of claim 16, further comprising the step of:

inserting said at least one inlet tube partially through said baffle and inserting said at least one outlet tube through said baffle.

19. The method of forming a muffler with a baffle of claim 18, further comprising the step of:

inserting at least one baffle tube through at least two of said at least two legs and inserting at least one resonator tube in at least one of said at least two legs.

20. The method of forming a muffler with a baffle of claim 12, further comprising the steps of:

forming a first chamber adjacent a first inlet tube;

forming a second chamber adjacent a second inlet tube, a middle chamber being formed between said first and second chambers;

connecting said first chamber to said middle chamber with a first balance tube;

connecting said second chamber to said middle chamber with a second balance tube; and

connecting said first and second chambers with a third balance tube.

21. The method of forming a muffler with a baffle of claim 12, further comprising the step of:

forming a web area between adjacent legs of said at least two legs.

22. A method of forming a muffler with a baffle, comprising the steps of:

forming a baffle portion having at least two legs, adjacent legs of said at least two legs being oriented at an acute angle to each other;

extending a container portion from said baffle portion;

forming said container portion around said baffle portion to create a container

forming at least one inlet and at least one outlet in said container;

securing said baffle portion to said container portion;
and

covering each end of said container.

23. The method of forming a muffler with a baffle of claim 22, further comprising the step of:

covering each end of said container by attaching an end cap.

24. The method of forming a muffler with a baffle of claim 22, further comprising the step of:

forming at least one first exhaust opening through a first leg and forming at least one second exhaust opening through a second leg of said baffle.

25. The method of forming a muffler with a baffle of claim 24, further comprising the step of:

forming at least one third exhaust opening through a third leg of said baffle.

26. The method of forming a muffler with a baffle of claim 25, further comprising the step of:

forming at least one fourth exhaust opening through a third leg of said baffle.

27. The method of forming a muffler with a baffle of claim 22, further comprising the step of:

forming at least one inlet opening through said container, attaching at least one inlet tube to said at least one inlet opening, forming at least one outlet opening through said container, attaching at least one outlet tube to said at least one outlet opening.

28. The method of forming a muffler with a baffle of claim 22, further comprising the step of:

forming a web area between adjacent legs of said at least two legs.

29. The method of forming a muffler with a baffle of claim 22, further comprising the step of:

forming a first chamber adjacent a first inlet tube;

forming a second chamber adjacent a second inlet tube, a middle chamber being formed between said first and second chambers;

connecting said first chamber to said middle chamber with a first balance tube;

connecting said second chamber to said middle chamber with a second balance tube; and

connecting said first and second chambers with a third balance tube.